

Attachment B

SEARCH INSTRUCTIONS FOR APPLICATIONS ACCEPTED FOR FILING IN MULTIPLE ADDRESS SYSTEMS SPECTRUM AUCTION #59

This attachment provides instructions for electronically searching the FCC Network for a specific application or applications on file with the Commission. The following instructions relate specifically to searching for applications filed in response to Auction 59.

To search the FCC Network for an application, you must first connect to the FCC Network. Attachment C describes how Windows 98/2000/XP/NT users can connect to the FCC Network using the Dial-Up Networking features of Windows 98/2000/XP/NT.

We recommend that you use Netscape Communicator or Internet Explorer (Internet web browser software) to use the Universal Licensing System (ULS) for license searches. To download the latest versions of Netscape Communicator or Internet Explorer free of charge, access the Netscape download site at <http://home.netscape.com/download/>, or the Microsoft Internet Explorer download site at: <http://www.microsoft.com/windows/ie/downloads/default.asp>.

Conventions

The instructions in this attachment use the following typographic conventions:

bold Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icon, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).

italic Represents field names or areas of a screen (e.g., *Licensee Name* field, *Applicant Information* area of a screen).

bold italic Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://www.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

Small Caps Represents keys on the keyboard (e.g., Enter, Ctrl, Esc).

Note: Throughout these instructions, “enter” means to type the appropriate information and then press the Enter key.

Performing an Application Search

Once you have connected to the FCC Network, follow the procedures below to search for an application. *You may click the ? (Help) button at anytime for additional information on using Application Search.*

1. Connect to the FCC Network using one of the following options:

***Note:** If your PC is connected to a network, you must use a secure proxy to access the FCC Network. Consult your Network Administrator.*

Dial-Up Access

- a. Use Dial-Up Networking in Windows 98/2000/XP/NT to connect to the FCC Network (see Attachment C).
- b. Start your web browser. In the location field of the web browser screen, type ***http://wtbwww05.fcc.gov***. Then press the Enter key.

Internet Access

- a. Start your web browser and connect to the Internet using your Internet Service Provider.
- b. In the location field of the web browser screen, type ***http://wireless.fcc.gov/uls/***. Then press the Enter key.

2. Verify that Java and JavaScript are enabled in your web browser preferences. Additionally, the preferences must specify “Accept all cookies.” Refer to your web browser Help facility for more information.
3. On the Universal Licensing System main page, click the **Search Applications** button, located in the center of the page.
4. Select the type of search by clicking the down arrow in the *Select Search Type* field to display the options menu. Select **General** and click the **Continue** button.
5. The Application Search screen appears. This screen contains several data entry fields used for specifying the criteria for your application search. Specify the search criteria necessary to locate the

desired application. Please refer to the following “Basic Guidelines for Specifying Search Criteria” for more information.

If you are searching for an application filed for Auction 59, click **59** in the *Auction ID* field.

Basic Guidelines for Specifying Search Criteria:

- You must specify search criteria in at least one field. You do not have to specify search criteria in all of the search fields. Enter search criteria into as many fields as you wish.
- To specify search criteria in a search field containing a menu of options, click the desired option from the menu. Use the scroll bars to view all options in a menu. You can select multiple options from a menu by pressing the Ctrl key while you click the menu options.
- Click **<No Criteria>** to undo a menu selection and search for all options in the menu.
- Click the **Clear** button to reset entries in all of the search fields.
- The Universal Licensing System restricts the number of rows returned in an application search to 3000.

Click the ? (Help) button for a definition of each search field available on the Application Search screen.

6. After you have specified the desired search criteria, click the **Search** button. The system will scan the database for any applications matching the search criteria. The matching application files will be listed on the Search Results screen. The Search Results screen will identify the file number, licensee name, application purpose, application status, radio service code, and receipt date for each application returned in the query.

A message on the Search Results screen will indicate if no matches were found for the specified search criteria. Click the **New Search** button and re-specify search criteria.

7. To view an application, click its file number link. To navigate through the data on the Application screen, use the scroll bar or click the links at the top of the screen. *Click the ? (Help) button for information regarding specific functions available on this screen.*

- To re-access the Search Results screen, click the down arrow end of the *Other Options* field to obtain the drop-down menu of options. Click **Search Results** from the *Other Options* menu and then click the **Go** button.

- To begin a new search, click the down arrow end of the *Other Options* field to obtain the drop-down menu of options. Click **New Search** and then click the **Go** button.

Technical Support

For technical assistance in searching the ULS for applications, contact the FCC Technical Support Hotline at (202) 414-1250 (voice) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. All calls to the FCC Technical Support Hotline are recorded.

Attachment C

USING DIAL-UP NETWORKING IN WINDOWS 98/2000/XP/NT FOR ULS FILING

This attachment describes how to use Windows 98/2000/XP/NT Dial-Up Networking to establish a direct connection from your PC to the FCC Network and the Universal Licensing System (ULS) in order to file, amend, or review the Form 601. *This point-to-point connection is not routed through the Internet.*

This direct dial-up connection is **NOT** required to perform ULS online filing. You may file, amend, or review Form 601 on the Internet by entering <http://www.fcc.gov/wtb/uls> in your Web browser's address/location bar and clicking the **Online Filing** button on the ULS homepage.

Conventions

The instructions in this section use the following typographical conventions:

bold Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icons, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).

italic Represents field names or areas of a screen (e.g., *Applicant* field, *Selected Licenses* area of a screen).

bold italic Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://www.fcc.gov/wtb/uls***, you should type all of the characters shown in bold italic exactly as they are printed.

Small Caps Represents keys on the keyboard (e.g., Enter, Ctrl, Esc).

Note: Throughout these instructions, “enter” means to type the appropriate information and then press the Enter key.

Hardware and Software Requirements

Connecting to the FCC Network using Windows Dial-Up Networking requires *at a minimum* the following hardware and software:

Hardware Requirements

- CPU: Pentium 133 or above
- RAM: 32 MB (more recommended if you have multiple applications open)
- Monitor: VGA or above
- Modem: 28.8 Kbps, Hayes-compatible or faster (recommend 56.6 Kbps)
- Mouse or other pointing device

Software Requirements

- Web browser software is required. You may use Netscape Communicator or Internet Explorer browser software to electronically register and file FCC Form 601 through ULS. You can download Netscape Communicator free of charge by accessing the Netscape download site at <http://home.netscape.com/download/archive.html>. You may also download Internet Explorer at <http://www.microsoft.com/windows/ie/downloads/default.asp>.
- Microsoft Windows 98/2000/XP/NT

Note: If you are running Windows in a networked environment, check with your local network administrator for any potential conflicts with Windows 98/2000/XP/NT Dial-Up Networking. This usually includes any TCP/IP installed network protocol.

- Adobe Acrobat 4.0 Reader (or higher) is recommended as a plug-in to your browser. This provides a viewer for displaying files related to applications, such as attachments and exhibits. For best results, install the plug-in after you have installed the desired web browser. This will allow the plug-in to be fully integrated within the browser window.

To download Adobe Acrobat version 4.0 or higher, access the Acrobat download site at <http://www.adobe.com/support/downloads/main.html>.

Configuring Dial-Up Networking

1. To start dial-up networking in **Windows 98**:
 - a. Click the Windows 98 **Start** button.
 - b. Click the **Programs** option to display the Programs menu.
 - c. Click the **Accessories** option to display the Accessories menu.
 - d. In Windows 98, click **Communications**, then **Dial-Up Networking**.

If Dial-Up Networking is not an option on your Accessories menu, you should install it from your Windows 98 CD or diskettes.

2. To start dial-up networking in **Windows XP**:
 - a. Click the **Start** button.
 - b. Click the **Programs** option to display the Programs menu.
 - c. Click the **Accessories** option to display the Accessories menu.
 - d. Click **Communications**
 - e. Click **New Connection Wizard**.
 - f. Click **Connect to the Network at My Workplace**.
 - g. Click **Dial-Up Connection**.
 - h. Specify connection name by entering the name of the dial-up location in the *Company Name* field, e.g. "FCC Dial-Up Connection."
 - i. Enter dial-up phone number, 1-800-844-2784.
 - j. Select Connection Availability:

Anyone's use

My use only

3. To start dial-up networking in **Windows 2000**, the user must be logged in as an "administrator." Follow these steps:
 - a. Click the **Start** button.
 - b. Click **Settings**.
 - c. Click on the **Network** icon.
 - d. Click on **Dial-up Connections**.

NOTE: You must have administrative rights in Windows 2000 or XP to set up dial-up networking.

4. When the Dial-Up Networking window appears, double-click the **Make New Connection** icon.

The Make New Connection window appears.

5. In the field entitled *Type a name for the computer you are dialing*, type **ULS at FCC**.
6. In Windows 98, click the down arrow at the right of the *Select a device* field and select your modem from the menu of available devices.

If your modem does not appear on this list, you must install your modem driver according to the modem manufacturer installation procedures, which are usually described in your modem's user manual.

7. Click the **Configure** button. Click the **Options** tab at the top of the Properties window.
8. In the *Connection control* area of the **Options** tab, verify that **neither** option is selected. If either option is selected, click the check box at the left of the option to deselect it. Then click the **OK** button.
9. Click the **Next** button.
10. Type **800** in the *Area Code* field and **844-2784** in the *Telephone Number* field. Verify that the correct country is selected in the *Country code* field. If necessary, click the down arrow at the right of the *Country code* field, and select the appropriate country from the menu of available countries.
11. Click the **Next** button.
12. Click the **Finish** button. An icon titled **ULS at FCC** appears in the **Dial-Up Networking window**.
13. Verify that properties are configured correctly before attempting a dial-up session. Position the mouse pointer on the **ULS at FCC** icon and click the **right** mouse button to display a menu. Select **Properties** from the menu.
14. Click the **Server Types** tab at the top of the Properties window.

15. In the *Advanced Options* area, verify that only *Enable software compression* is selected.

If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

16. In the *Allowed Network Protocols* area, verify that only *TCP/IP* is selected.

If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

17. Click the **TCP/IP Settings** button. In the **TCP/IP Settings** window, confirm that the *Server assigned IP address* option is selected. Then, in the section beneath, select *Specify name server addresses*.

18. Type **192.104.54.1** as the *Primary DNS*.

Make sure that these two options are checked:

- Use IP header compression
- Use default gateway or remote network

19. Click **OK** on the **TCP/IP Settings** window and the **Server Type** window.

20.

a. Click the Windows 98 **Start** button, then click the **Settings** option to display the Settings menu.

b. Click **Control Panel** and then double-click the **Network** icon.

c. In the *Configuration* tab of the **Network** window, select *TCP/IP* and click the **Properties** button. (If there are multiple TCP/IP protocols, select *TCP/IP*, then highlight *Dial-Up Adapter* and click **Properties**.)

d. Click the *DNS Configuration* tab.

- e. Select *Enable DNS*. Type **bidder** in the *Host* box, type **fcc.gov** in the *Domain* box, then type **192.104.54.1** in the DNS Server Search Order box and click the **Add** button.
- f. Click **OK** on the TCP/IP Properties windows, then click **OK** on the **Network** window.
- g. If you are prompted to restart your computer, click **Yes** to restart, then begin the Dial-Up Procedure.

Dial-Up Procedure

1. If the Dial-Up Networking window is not currently open, do the following:
 - a. Click the Windows 98 **Start** button.
 - b. Click the **Programs** option to display the Programs menu.
 - c. Click the **Accessories** option to display the Accessories menu.
 - d. In Windows 98, click **Communications**, then **Dial-Up Networking**.

The Dial-Up Networking window appears.

2. Double-click the **ULS at FCC** icon in the Dial-Up Networking window.
3. Click the **Connect** button on the window. *Do not enter User name and Password.*

The Connecting window appears, indicating the status of your connection as your modem dials into the system. This window must remain running during your dial-up session. You may minimize the window, if you wish.

If your modem fails to establish a connection, please see the *Troubleshooting* section below.

4. Once the connection is established, open your Web browser.
5. In your browser's location field, enter ***http://wireless.fcc.gov/uls/***

If nothing appears in your Web browser, see the *Troubleshooting* section below.

6. When you have finished, exit the Web browser, then click the **Disconnect** button on the Connecting window to end your dial-up session.

Troubleshooting

Following are problems you may encounter and possible solutions for resolving or isolating them.

Modem does not respond

1. Confirm that all physical connections for the modem are present.
2. Confirm that the phone line is active by connecting it to a telephone and checking for a dial tone.
3. Confirm that the correct modem driver is installed for your modem.

Modem dials but does not connect

1. Confirm that the number the modem is dialing is correct.
2. Confirm that the modem prefix, if any, is correct.

Modem dials and connects, but nothing appears when you enter the location in the Web browser

1. Check the settings in your dial-up networking icon, particularly that the *Primary DNS* is **192.104.54.1** and that *TCP/IP* is the only selected protocol.
2. Confirm that your Web browser is not using proxies; it should be set to “direct connection to the Internet.”
2. If you do log into a TCP/IP LAN, confirm that your LAN network IP address is being released.

To do so, connect to the FCC Network using dial-up networking, then click the **Start** button in Windows 98 and select **Run**. Type *winipcfg* and press **OK**. If your IP address does not begin with “192.104.”, then your LAN IP address is not being released. Click the **Release All** button, or consult your LAN administrator.

Receive an Internal Server error in the Web browser

1. Confirm that the address entered in the location field is correct (*<http://www.fcc.gov/wtb/uls>*).
2. Confirm that *Java* and *JavaScript* are enabled in your Web browser, and confirm that *Cookies* is set to Accept All.

Help

For technical assistance with installing or using FCC software, contact the FCC Technical Support Hotline at (202)-414-1250 (voice) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is available Monday through Friday from 8 a.m. to 6 p.m. Eastern Time. There are no weekend hours and the hotline is closed all Federal holidays. All calls to the FCC Technical Support Hotline are recorded.